

## NOMENCLATORIAL CHANGES IN ARIZONA GRASSES

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The grasses of Arizona have long been a source of interest to both taxonomist and ecologist. Early collections and observations by Pringle, Lemmon, Toumey, Griffiths, Thornber, Blumer, and Goodding, and early range studies by national and territorial research units provide a substantial background for current investigations of our rich and diverse grass flora. Much of this accumulated information is being incorporated in a manual of Arizona grasses now being completed by the writer. To make the nomenclatorial changes deemed necessary for the manual more readily available the following new combinations and new names are herein proposed separately.

1. *Panicum capillare* L. var. *stramineum* (Hitc. and Chase) comb. nov. *P. stramineum* Hitc. and Chase, Contr. U. S. Nat. Herb. 15: 67. 1910.
2. *Panicum capillare* L. var. *hirticaule* (Presl) comb. nov. *P. hirticaule* Presl, Rel. Haenk. 1: 308. 1830.
3. *Panicum capillare* L. var. *pampinosum* (Hitc. and Chase) comb. nov. *P. pampinosum* Hitc. and Chase, Contr. U. S. Nat. Herb. 15: 66. 1910.
4. *Sporobolus airoides* (Torr.) Torr. var. *Wrightii* (Munro) comb. nov. *S. Wrightii* Munro ex Scribn., Bull. Torrey Bot. Club 9: 103. 1882.
5. *Elymus lanceolatus* (Scribn. and Smith) comb. nov. *Triticum repens* var. *dasytachum* Hook., Fl. Bor. Am. 2: 254. 1840. Not *Elymus dasytachys* Trin. ex Ledeb. Fl. Alt. 1: 120. 1829. *Agropyron dasytachum* Scribn., Bull. Torrey Bot. Club 10: 78. 1883. *Elymus subvillosus* (Hook.) Gould, Madroño 9: 127. 1947.
6. *Elymus Rydbergii* nom. nov. *Agropyron riparium* Scribn. and Smith, Bull. U. S. Div. Agrost. 4: 35. 1897. *Elymus riparius* Gould, Madroño 9: 127. 1947. Not *E. riparius* Wieg., Rhodora 20: 84. 1918.
7. *Elymus pauciflorus* (Schwein.) Gould subsp. *pseudorepens* (Scribn. and Smith) comb. nov. *Agropyron pseudorepens* Scribn. and Smith, U. S. Dept. of Agric., Div. Agrost. Bull. 4: 34. 1897. *A. tenerum* Vasey var. *pseudorepens* Jones, Contr. West. Bot. 14: 19. 1912.
8. *Poa fendleriana* (Steud.) Vasey var. *longiligula* (Scribn. and Williams) comb. nov. *Poa longiligula* Scribn. and Williams, U. S. Dept. Agric. Div. Agrost. Circ. 9: 3. 1899.

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